

Mains backup unit as backup power system 250 kVA with Deutz engine TCD 2013 L 06 4 V soundproofed with

IG 200 controller

Completion:

Generating Set:	stationary	Gen Set:	silent Set
Technical Data Engine:			
Engine Manufacturer:	Deutz	Engine Type:	TCD 2013 L06 4 V
Engine No.:	auf Anfrage	Engine Power:	250 KW
Cooling:	water-cooled	Starting:	electrical 12 V DC
Rotation:	1500 rpm	Fuel:	heating oil EN 590
Technical Data Generator:			
Generator Manufacturer:	Stamford AvK	Gen Set:	UCDI 274 K 1
Gen No.:	auf Anfrage	Gen Power:	250 kVA
Voltage:	400 / 231 Volt	Power Factor:	cos. - phi 0,8
Rotation:	1500 rpm		
Control Unit:			
Setup:	automatic start	Functions:	parallel operation
Switch:	gen switch 4 pole	Delivery:	
Width ca. mm:		Depth ca. mm:	
Height ca. mm:			
Tank			
Setup:		Height ca. mm:	
Width ca. mm:		Capacity / Litre:	360
Depth ca. mm:			
Dimensions of unit:			
Length ca. mm:	3.300	Height ca. mm:	2.150
Width ca. mm:	1.100	Weigth ca. KG:	2.600
Usage:			
State:	demonstration set	year of manufacture:	2022
time of delivery:	ex work	Price plus VAT in 12%:	on request:
Operating Hours:	2		
Location:	Verl - Germany		
Stock No:		Reserved:	nein / no

Delivery Contents:

Mains backup unit for emergency power supply as a backup power system with an original DEUTZ AG industrial diesel engine with electronic speed control and cooling water preheating (230 volts) and Stamford three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame.

Other additional features:

Tank capacity 360 liters, refueling directly at the tank

Fuel consumption at 100% load 50 liters/hour, sufficient for approx. 7.2 hours of operation

Fuel consumption at 75% load 40 litres/hour, sufficient for approx. 9 hours of operation

Fuel consumption at 50% load 28 litres/hour, sufficient for approx. 12.8 hours of operation

Internal automatic start-stop (type: AMF ComAp Intelygen 200) with display of all important engine and generator messages. Functional indication digitally on the display. 4-pin generator switch integrated on the unit (generator). Internal battery charger 230 volts - 12 volts DC

Automatic start, control of on-site external mains and generator switching

optional; External emergency power switchover for installation in the building and 4-pole mains generator switchover

Function: In the event of a power failure, the start command is sent to the diesel unit. When the nominal speed and nominal voltage are reached, the generator switch is switched on. When the mains returns, the automatic system monitors the mains voltage. When this is stable again, the switch back to mains operation takes place without interruption. The diesel unit is stopped after the cooling time and waits in automatic mode for the next power failure.

The emergency power system as an emergency power supply is ready for operation and immediately available from the Verl warehouse.

Product Images





